1. Record Nr. UNISA996217134503316

Autore	Kourdi Jeremy
Titolo	Business strategy : a guide to effective decision making / / Jeremy Kourdi
Pubbl/distr/stampa	London, : Profile, c2003
ISBN	1-84765-116-X 1-281-03162-3 9786611031626 1-84765-004-X
Descrizione fisica	1 online resource (250 p.) : ill
Collana	The economist
Disciplina	658.4012
Soggetti	Business planning Strategic planning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	At head of title: The Economist.
Nota di bibliografia	Includes bibliographical references (p. 229-232) and index.
Sommario/riassunto	Jeremy Kourdi presents tools, tactics and techniques for making effective strategic decisions in the complex, modern business environment.

2. Record Nr. UNINA9911006829503321

Autore	Liu Huimin <1961->
Titolo	Science and engineering of droplets : fundamentals and applications / / by Huimin Liu
Pubbl/distr/stampa	Park Ridge, N.J., : Noyes Publications Norwich, N.Y., : William Andrew Pub., c2000
ISBN	1-282-02741-7 9786612027413 0-8155-1894-3 1-282-73771-6 9786612737718 9786612027406 1-59124-270-3
Descrizione fisica	1 online resource (541 p.)
Disciplina	530.427 620/.43 620.43
Soggetti	Spraying Atomization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 451-507) and index.
Nota di contenuto	Front Cover; Science and Engineering of Droplets: Fundamentals and Applications; Copyright Page; Contents; Chapter 1 General Introduction; Chapter 2 Processes and Techniques for Droplet Generation; 2.1.0 ATOMIZATION OF NORMAL LIQUIDS; 2.2.0 ATOMIZATION OF MELTS; Chapter 3 Fundamental Phenomena and Principles in Droplet Processes; 3.1.0 DROPLET FORMATION; 3.2.0 DROPLET DEFORMATION ON A SURFACE; Chapter 4 Empirical and Analytical Correlations of Droplet Properties; 4.1.0 CONCEPT AND DEFINITIONS OF DROPLET SIZE DISTRIBUTION; 4.2.0 CORRELATIONS FOR DROPLET SIZES OF NORMAL LIQUIDS 4.3.0 CORRELATIONS FOR DROPLET SIZES OF MELTS4.4.0 CORRELATIONS FOR DROPLET DEFORMATION CHARACTERISTICS ON A

SURFACE; Chapter 5 Theoretical Calculations and Numerical Modeling of Droplet Processes; 5.1.0 ENERGY REQUIREMENTS AND EFFICIENCY; 5.2.0 MODELING OF DROPLET PROCESSES OF NORMAL LIQUIDS; 5.3.0 MODELING OF DROPLET PROCESSES OF MELTS; 5.4.0 MODELING OF DROPLET DEFORMATION ON A SURFACE; Chapter 6 Measurement Techniques for Droplet Properties and Intelligent Control of Droplet Processes; 6.1.0 MEASUREMENT TECHNIQUES FOR DROPLET SIZE; 6.2.0 MEASUREMENT TECHNIQUES FOR DROPLET VELOCITY 6.3.0 MEASUREMENT TECHNIQUES FOR DROPLET NUMBER DENSITY6.4.0 MEASUREMENT TECHNIQUES FOR DROPLET TEMPERATURE; 6.5.0 MEASUREMENT TECHNIQUES FOR DROPLET DEFORMATION ON A SURFACE; 6.6.0 INTELLIGENT CONTROL OF DROPLET PROCESSES; References; Index

Sommario/riassunto

This is the first book to encompass the fundamental phenomenon, principles, and processes of discrete droplets of both normal liquids and melts. It provides the reader with the science and engineering of discrete droplets, and provides researchers, scientists and engineers with the latest developments in the field. The book begins with a systematic review of various processes and techniques, along with their applications and associations with materials systems. This is followed by a description of the phenomena and principles in droplet processes. Correlations, calculations, and numerical mode

3. Record Nr. UNINA9910734343303321

Autore	Jonoska Natasa <1961->
Titolo	Visions of DNA Nanotechnology at 40 for the Next 40 : A Tribute to Nadrian C. Seeman / / edited by Nataša Jonoska, Erik Winfree
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (442 pages)
Collana	Natural Computing Series, , 2627-6461
Classificazione	COM014000SCI007000TEC027000TEC059000
Altri autori (Persone)	WinfreeErik <1969->
Disciplina	004.0151
Soggetti	Computer science Nanotechnology Molecular biology Bionics Models of Computation Molecular Biology Bioinspired Technologies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Beyond Watson-Crick -- DNA nanotechnology out of equilibrium -- The Evolution of DNA-Based Molecular Computing -- DNA Nanotechnology Research in Japan -- Reminiscences from the Trenches -- Beyond DNA -- Controlling single molecule conjugated oligomers and polymers with DNA -- Organizing charge flow with DNA -- DNA Assembly of Dye Aggregates -- Building with DNA -- From Molecules to Mathematics -- Origami Life -- Ok: a kinetic model for locally reconfigurable molecular systems -- Implementing a Theoretician's Toolkit for Self-Assembly with DNA Components -- Reasoning As If -- Scaling up DNA computing with array-based synthesis and high-throughput sequencing -- Sequenceable Event Recorders -- Computational Design of Nucleic Acid Circuits -- Parallel computations with DNA-encoded chemical reaction networks -- Social DNA Nanorobots -- Models of Gellular Automata -- Patterning DNA origami on membranes through protein self-organization.
Sommario/riassunto	This open access book provides a unique and state-of-the-art view on DNA nanotechnology with an eye toward future developments.

Intended as a tribute to Nadrian C. Seeman, who founded the field of DNA nanotechnology, the content is an exciting mixture of technical and non-technical material, reviews, tutorials, perspectives, new findings, and open questions. The book aims to inspire current researchers to sit back and think about the big picture, while also enticing new researchers to enter the field. Most of all, the book captures voices from a unique moment in time: 40 years after the publication of the first paper that envisioned DNA nanotechnology. From this vantage point, what are the untold stories, the unspoken concerns, the underlying fundamental issues, the overlooked opportunities, and the unifying grand challenges? What will help us see more clearly, see more creatively, or see farther? What is transpiring right now that could pave the way for the future? To address thesequestions, leading researchers have contributed 22 chapters, grouped into five sections: perspectives, chemistry and physics, structures, biochemical circuits, and spatial systems. This book will be an important reference point in the field of DNA nanotechnology, both for established researchers looking to take stock of the field and its future, and for newcomers such as graduate students and researchers in other fields who are beginning to appreciate the power and applicability of its methods.